



STDN DAILY REPORT
FOR GMT DAYS
06,07 AND 08 AUGUST , 2001

Part I. Operations

06 AUG.

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

1. AGS/QST Support

06/0739-0741Z

During ENVISAT tracking campaign testing, Antenna ran off target. 6 minutes into the second ENV Tracking campaign, the antenna lost lock on autotrack and started to drive off in Azimuth. The problem was caught instantly and put into program track and re-acquired ERS. The system was then put back into autotrack with no further problems. Only tracking data was being used at the time of the anomaly. CDS ID # 19426

TOTS-1 0734-0749Z 16 Sec. Svc/Data Loss (Non-Recov)

2. AGS/WIRE Support

06/1354-1405Z

Station PAC#3 failed during support. Resulting in no telemetry or commanding from project during support. Anomaly is under investigation. CDS ID # 19439

TOTS-1 11 Min. Service Loss only

07 AUG.

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

1. PF1/EO-1 Support

07/053556-054730Z

At 04:35 GMT IPNOC called to say that the problem with the NASA T1 line was fixed and that the line was now considered stable. Approximately 1 minute and 20 seconds into this support, however, the command and real-time connections were again lost. When IPNOC was called, they again verified that the line was down. No service/data loss attributable to PF1.

CDS ID# 19455

11 Mins. 34 Secs. Service Loss

2. PF1/EO-1 Support

07/071340-072528Z

During this support, we had good socket connections for real-time and commanding but the MOC was not able to get commands through to the PF1 station. The MOC reported that it appeared as if the NASA T1 line was degraded. IPNOC was again informed of the problem. No command service loss attributable to PF1. CDS ID# 19456

11 Mins. 48 Secs. Service Loss

3. PF1/EO-1 Support

07/111243-112546Z

During the support, the real-time connections to QMOC and JPL were dropped. IPNOC was informed (again) of the problem and confirmed that the NASA T1 line was down (again). No service/data loss attributable to PF1. CDS ID# 19457

13 Mins. 03 Secs. Service Loss

4. AGS/WIRE Support

07/1344-1356Z

Packetizer failed to connect to project. At AOS minus 5 minutes, the PAC. did not connect to the project, causing no real-time data flow and no commands. PAC. was rebooted and came up OK. CDS ID # 19441

TOT-1 11 Min. 36 Sec. Svc/Data Loss (Recov) No commands sent.

08 AUG.

A. SN Anomalies:

1. TRMM Support

08/1735-1738Z

POCC experienced a late acquisition. Reason Unknown.
TTR # 23992

TDW SSA2F/R 1735-1805Z 3 Mins. Svc/Data Loss
Recoverable

2. TOPEX Support

08/2200-220307Z

POCC experienced a late acquisition. Reason Unknown.
TTR # 23993

171 SSA2F/R 2200-2230Z 2 Mins. 37 Secs. Svc/Data Loss
Recoverable

B. ISS Anomalies: - None.

C. GN Anomalies:

1. PF1/Quikscat Support

08/023139-024458Z

Prior to the pass, the PTP was modified to use an old configuration. The old configuration did not include the current

desktop for QuikSCAT and so the 4k data was not frame synced. CDS ID# 19458

13 Mins. 19 Secs. S-band Service Loss.

2. WGS/SAMPEX Support

08/053034-054742Z

TOTS antenna unable to maintain uplink. Operator noticed that the uplink was coming up and shutting down minutes into the pass. Unable to maintain carrier up, went to antenna pedestal to check equipment. Found temperature was approximately 95 degrees in the pedestal and the A/C was not running. Further investigation revealed the main disconnect for the A/C unit on the outside of the pedestal had been turned off. This is a switch, not something that would trip. It is either turned on or turned off. Reason for unit being found in the off position is unknown. Switched the unit on and the fan motor is cycling on and off. The compressor continues to run but the fan that does the cooling is not functioning properly. A call was made to the trouble desk for an A/C tech to be called in. CDS ID# 19451

TOTS 10 Mins. Service Loss

3. AGS/TRACE Support

08/053534-054742Z

Real time window on TPCE did not connect to Packetizer 1. Five minutes prior to AOS, the real time window did not open for TLM or CMD to the project. No real time data was sent and no commands were processed. Data will be played to the project from tape. CDS ID# 19452

TOT-1 12 Mins. 07 Secs. Service/Data Loss Recoverable

D. DELTA/GENESIS launched at 08/161340.324Z was successful.

E. TDRS-7 East Maneuver was nominal.

Part II. Testing Anomalies

A. SN Test - None.

B. GN Test - None.

Part III. Equipment Status Changes: - None.

\$ = Changed ETRO

** = New Items

Part IV. Scheduled Activities:

TILT U.S. Coast Guard Expedition	09/1128-1628Z
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TRMM Orbit Raising	8/09 221/13:30-16:58
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STS-105 Briefing Message #1	09/2133Z
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Part V. Forecast Changes:

* 1.) H3332LS (ATLAS/2MLV-10) 1835Z	237 25 AUG.,2001 T-0 =
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